

September 2020 - June 2021 Burns Harbor, Indiana Xact Report

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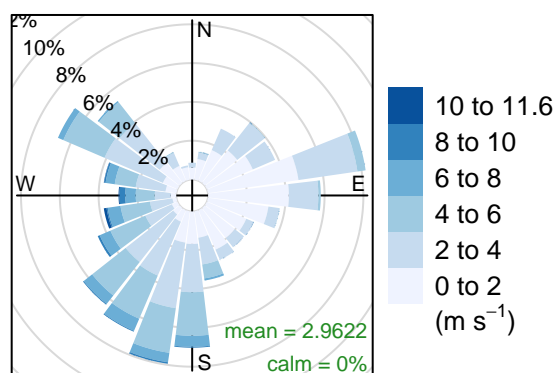
INTERIM REPORT: Before releasing this report, please check with the author to determine if any ongoing enforcement action is pending.

This report summarizes data collected by US EPA Region 5 between September 19, 2020 and June 10, 2021. Data in this report have been validated and reviewed by US EPA Region 5 staff and can be interpreted as shown. All data of hazardous air pollutants have been collected by a PM₁₀ inlet head.

Note: Data are subject to additional review at the conclusion of the monitoring campaign after all QA/QC data has been gathered. These data have been solely validated for the timeframe. A final report will be generated at the conclusion of the campaign.

SUMMARY: METAL HAPS STATISTICS

Table 1. Summary statistics of relevant hazardous air pollutants measured by the Xact during the timeframe. All concentrations are reported in ng m⁻³ and are of PM₁₀ size fraction.



Frequency of counts by wind direction (%)

Figure 1. Wind rose of wind speeds and direction during the timeframe.

Pollutant	Average	99th Percentile	Max Rolling 24-hr Average	Max Rolling 14-Day Average	Max Rolling 30-Day Average
As	1.6	13.0	9.0	3.3	2.5
Cd	0.2	3.1	2.8	1.0	0.5
Cr	2.6	28.2	27.7	5.3	3.6
Pb	5.5	52.9	69.9	9.4	7.7
Mn	56.1	759.1	853.9	135.6	96.6
Ni	1.2	17.5	17.6	2.9	2.0

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